

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/773, 274 A
Source: IFUO
Date Processed by STIC: 10-18-04

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/773,274A

TIME: 10:08:03

Input Set : A:\3781-009-27.ST25.txt

Output Set: N:\CRF4\09282004\J773274A.raw

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3 <110> APPLICANT: Chu, Yong Liang
4     Lai, Wan-Ching
5     Li, Frank Q.
7 <120> TITLE OF INVENTION: Polypeptide Bioconjugates, Methods of Making the
Bioconjugates
8     and Assays Employing the Bioconjugates
10 <130> FILE REFERENCE: 3781-009-27
12 <140> CURRENT APPLICATION NUMBER: US 10/773,274A
13 <141> CURRENT FILING DATE: 2004-02-09
15 <160> NUMBER OF SEQ ID NOS: 33
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 8
21 <212> TYPE: PRT
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: polypeptides comprising antigenic determinants of
the SARS virus
W--> 27 <221> NAME/KEY: BINDING
28 <222> LOCATION: 8
29 <223> OTHER INFORMATION: Amino acid 8 is attached by CONH2
W--> 31 <400> 1
32 Ala Ser Thr Thr Thr Asn Tyr Thr
33 1 5
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 17
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: polypeptides comprising antigenic determinants of
the SARS virus
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46 1 5 10 15
47 Cys
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 14
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
59 <400> SEQUENCE: 3
60 Phe Lys Cys Tyr Gly Val Ser Ala Thr Lys Leu Asn Asp Leu
61 1 5 10

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64 <210> SEQ ID NO: 4
65 <211> LENGTH: 19

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66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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74 1          5          10          15
75 Phe Thr Asp
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80 <211> LENGTH: 13
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
87 <400> SEQUENCE: 5
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89 1          5          10
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 19
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
100 <400> SEQUENCE: 6
101 Arg Glu Val Phe Ala Gln Val Lys Gln Met Tyr Lys Thr Pro Thr Leu
102 1          5          10          15
103 Lys Tyr Phe
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 10
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
115 <400> SEQUENCE: 7
116 Leu Leu Thr Asp Asp Met Ile Ala Ala Tyr
117 1          5          10
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 21
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
128 <400> SEQUENCE: 8
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130 1          5          10          15
131 Ser Asn Val Thr Gly
132          20
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136 <211> LENGTH: 31

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137 <212> TYPE: PRT
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146 Val Ser Thr Ala Ile His Ala Asp Gln Leu Thr Pro Ala Trp Arg
147 20 25 30
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153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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160 1 5 10 15
161 Glu Ala Glu Val Gln Ile Asp Arg
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165 <210> SEQ ID NO: 11
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168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
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174 Gly Gly Arg Asn Gly Ala Arg Pro Lys Gln Arg Arg Pro Gln Gly
175 1 5 10 15
178 <210> SEQ ID NO: 12
179 <211> LENGTH: 16
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183 <220> FEATURE:
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188 1 5 10 15
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 20
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
199 <400> SEQUENCE: 13
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201 1 5 10 15
202 Pro Arg Trp Tyr
203 20

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217 Asn Ser Thr Pro
218          20
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226 <220> FEATURE:
227 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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231 1          5          10          15
232 Gly Lys Gly Gln
233          20
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238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
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244 <400> SEQUENCE: 16
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247 Lys Arg Thr Ala Thr Lys Gln Tyr Asn
248          20          25
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253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
259 <400> SEQUENCE: 17
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262 Asp Asn Val Ile
263          20
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268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:

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TIME: 10:08:03

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272 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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276 1 5 10 15
277 Pro
281 <210> SEQ ID NO: 19
282 <211> LENGTH: 15
283 <212> TYPE: PRT
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
289 <400> SEQUENCE: 19
290 Leu Pro Gln Arg Gln Lys Lys Gln Pro Thr Val Thr Leu Leu Pro
291 1 5 10 15
294 <210> SEQ ID NO: 20
295 <211> LENGTH: 24
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
302 <400> SEQUENCE: 20
303 Pro Ala Ala Asp Met Asp Asp Phe Ser Arg Gln Leu Gln Asn Ser Met
304 1 5 10 15
305 Ser Gly Ala Ser Ala Asp Ser Thr
306 20
309 <210> SEQ ID NO: 21
310 <211> LENGTH: 15
311 <212> TYPE: PRT
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315 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
317 <400> SEQUENCE: 21
318 Pro Ala Ala Asp Met Asp Asp Phe Ser Arg Gln Leu Gln Asn Ser
319 1 5 10 15
322 <210> SEQ ID NO: 22
323 <211> LENGTH: 7
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
330 <400> SEQUENCE: 22
331 Phe Pro Ser Val Tyr Ala Trp
332 1 5
335 <210> SEQ ID NO: 23
336 <211> LENGTH: 6
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: polypeptides comprising antigenic determinants of
the SARS virus

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VERIFICATION SUMMARY

DATE: 10/18/2004

PATENT APPLICATION: **US/10/773,274A**

TIME: 10:08:04

Input Set : **A:\3781-009-27.ST25.txt**

Output Set: **N:\CRF4\09282004\J773274A.raw**

L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1